

(b) receiving said notification registration request by said database subsystem;

and

(c) registering said first of said plurality of subsystems for notification by said database subsystem.

10. A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for transacting router notification in a router device using a database subsystem, said database subsystem storing router configuration data and being operatively coupled for communication with a plurality of router subsystems, said method comprising:

(a) transmitting a notification registration request by a first of said plurality of subsystems to said database subsystems, said registration request indicating configuration data for which said first of said plurality of subsystems requires registration for notification of changes to said configuration data;

(b) receiving said notification registration request by said database subsystem;
and

(c) registering said first of said plurality of subsystems for notification by said database.

16. (Twice Amended) A router operating system for a router device comprising:

a database subsystem;

a plurality of client subsystems, each operatively coupled to said database subsystem; and

a database operatively coupled to said database subsystem to store router configuration information, said database subsystem further comprising a notification

unit, said notification unit configured to provide notification of changes to router

B3 configuration information to each of said plurality of subsystems registered to receive notification of changes to said router configuration information.
